

APPROVED NMSC 2020 BUDGET
NEENAH-MENASHA
SEWERAGE COMMISSION

**APPROVED
2020 BUDGET**

Prepared - August, 2019
Approved at a Regular Meeting on
September 24, 2019

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APPROVED NMSC 2020 Budget

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MAIN ASSUMPTION - 100% CLEAN WATER FUND BORROWING USED TO FINANCE 2012-2014 CAPITAL PROJECT

NEENAH-MENASHA SEWERAGE COMMISSION
 Comparison of Actual Costs and Overall % Change Since 2015
 ASSUMPTION = 3.0% annual increases in OPERATIONS/MAINTENANCE BUDGET IN 2021-2022

	2015	2016	2017	2018	2019	2020	2021	2022
	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ESTIMATED ACTUAL	APPROVED BUDGET	estimated BUDGET	estimated BUDGET
Operations & Maintenance	\$3,002,482	\$2,964,501	\$2,989,698	\$3,041,910	\$3,175,091	\$3,270,656	\$3,368,776	\$3,469,839
Replacement	\$778,004	\$778,005	\$777,988	\$777,988	\$778,000	\$778,000	\$778,000	\$778,000
Depreciation	\$99,988	\$200,004	\$200,005	\$99,999	\$100,000	\$100,000	\$200,000	\$200,000
Capital	\$1,371,145	\$1,452,244	\$1,428,005	\$1,441,924	\$1,384,817	\$1,468,585	\$1,461,917	\$1,461,917
Interceptor Maintenance	\$0	\$0	\$14,067	\$12,832	\$0	\$41,300	T.B.D.	T.B.D.
TOTAL	\$5,251,619	\$5,394,754	\$5,409,763	\$5,374,653	\$5,437,908	\$5,658,541	\$5,808,693	\$5,909,756

base year

2.73%

1-year change

3.01%

2-year change

2.34%

3-year change

3.55%

4-year change

7.75%

5-year change

10.61%

6-year change

12.53%

7-year change

ASSUMPTIONS:

- 3.0% yearly increases in Operations Budget in 2021 & 2022
- 2020 Depreciation Funding remain at 2018 level for one additional year
- Clean Water Fund loan amount \$21,440,310 with 2.646% Blended Rate

FUTURE PLANNING:

- REDUCTIONS IN PHOSPHORUS DISCHARGE LIMITS ARE INCORPORATED INTO OUR NEW WPDES PERMIT. THIS WILL LEAD TO
- AN AS YET UNDETERMINED INCREASE IN OPERATING COSTS AND A POTENTIAL FOR ADDITIONAL CONSTRUCTION FOR
- TREATMENT FACILITIES TO BE ABLE TO MEET NEW PHOSPHORUS DISCHARGE LIMITS.

CALCULATION OF UNIT OPERATION, MAINTENANCE, REPLACEMENT & DEPRECIATION COSTS

NEENAH-MENASHA SEWERAGE COMMISSION

1st QUARTER - 2020 (Jan - Mar)

	<u>VOLUME</u>	<u>B.O.D.</u>	<u>S.S.</u>	<u>TOTAL</u>
OPERATIONAL COSTS	\$821,916 (25.13%)	\$1,227,477 (37.53%)	\$1,221,263 (37.34%)	\$3,270,656
EQUIPMENT REPLACEMENT FUND COSTS	\$306,532 (39.40%)	\$242,736 (31.20%)	\$228,732 (29.40%)	\$778,000
DEPRECIATION FUND COSTS	\$22,000 (22.00%)	\$40,400 (40.40%)	\$37,600 (37.60%)	\$100,000
TOTAL OPERATIONS, REPLACEMENT, & DEPRECIATION COSTS	\$1,150,448 27.73%	\$1,510,613 36.41%	\$1,487,595 35.86%	\$4,148,656
CAPITAL (DEBT) COSTS	\$321,620 (21.9%)	\$606,526 (41.3%)	\$540,439 (36.8%)	\$1,468,585
TOTAL ANNUAL COSTS	\$1,472,068	\$2,117,139	\$2,028,034	\$5,617,241
2020 Budgeted Loadings	4,024,116	8,102,724	6,606,984	
UNIT COSTS - OPERATIONS, REPLACEMENT, & DEPRECIATION (Based on 2020 Budget Loadings)	\$285.89 per MG	\$0.1864 per lb.	\$0.2252 per lb.	APPROVED O/R/D
UNIT COSTS - WITH CAPITAL	\$366.54 per MG	\$0.2620 per lb.	\$0.3085 per lb.	APPROVED BUDGET

APPROVED 2020 BUDGET

NEENAH-MENASHA SEWERAGE COMMISSION
2020 BUDGET SUMMARY - EXPENSES

	2018 ACTUAL	2019			2019 BUDGET	2020 APPROVED BUDGET	% CHANGE
		7 MONTH ACTUAL	5 MONTH ESTIMATE	12 MONTH ESTIMATE			
SERVICES							
512 - SALARIES & WAGES	\$5,967	\$2,720	\$2,480	\$5,200	\$5,200	\$5,800	11.5%
514 - PROFESSIONAL FEES	\$1,706,866	\$1,037,523	\$728,788	\$1,766,311	\$1,773,250	\$1,820,046	2.6%
517 - SOCIAL SECURITY	\$1,145	\$476	\$624	\$1,100	\$1,094	\$1,140	4.2%
520 - ADMINISTRATIVE	\$65,082	\$56,589	\$7,369	\$63,958	\$72,100	\$65,400	-9.3%
521 - TELEPHONE	\$5,978	\$3,465	\$2,535	\$6,000	\$6,200	\$6,100	-1.6%
522 - INSURANCE	\$79,200	\$45,068	\$32,193	\$77,261	\$83,000	\$80,825	-2.6%
TOTAL SERVICES	\$1,864,239	\$1,145,841	\$773,990	\$1,919,830	\$1,940,844	\$1,979,311	2.0%
UTILITIES							
531 - ELECTRICITY	\$472,561	\$258,441	\$201,559	\$460,000	\$517,000	\$480,000	-7.2%
532 - WATER	\$16,898	\$9,876	\$7,124	\$17,000	\$17,900	\$18,000	0.6%
533 - STORM WATER UTILITY FEES	\$7,146	\$4,170	\$2,942	\$7,112	\$7,200	\$7,200	0.0%
534 - NATURAL GAS	\$11,695	\$22,823	\$22,177	\$45,000	\$12,750	\$20,000	56.9%
535 - FIRE PROTECTION FEES	\$4,320	\$2,626	\$1,874	\$4,500	\$4,500	\$4,600	2.2%
TOTAL UTILITIES	\$512,620	\$297,936	\$235,676	\$533,612	\$559,350	\$529,800	-5.3%
536 - INDUSTRIAL METERING/SAMPLING	\$2,525	\$1,136	\$1,264	\$2,400	\$5,000	\$5,000	0.0%
SLUDGE HAULING							
546 - HAUL & DISPOSE	\$192,151	\$126,866	\$90,618	\$217,484	\$174,800	\$191,775	9.7%
547 - SLUDGE BUILDING	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
548 - SOIL TESTING CHARGES	\$932	\$0	\$1,000	\$1,000	\$1,500	\$1,500	0.0%
549 - FUEL & EQUIPMENT COSTS	\$2,910	\$1,900	\$800	\$2,700	\$2,500	\$3,000	20.0%
TOTAL SLUDGE HAULING	\$195,993	\$128,766	\$92,418	\$221,184	\$178,800	\$196,275	9.8%
TOTAL OPERATIONS	\$2,575,376	\$1,573,679	\$1,103,348	\$2,677,026	\$2,683,994	\$2,710,386	1.0%
II - CHEMICALS							
551 - FERRIC CHLORIDE	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
552 - POLYMER	\$145,677	\$137,379	\$68,721	\$206,100	\$108,000	\$117,600	8.9%
553 - SODIUM BISULFITE	\$50,586	\$39,613	\$11,187	\$50,800	\$47,040	\$52,920	12.5%
554 - CHLORINE	\$22,845	\$0	\$10,000	\$10,000	\$14,500	\$14,500	0.0%
555 - SALT	\$24,178	\$9,883	\$13,867	\$23,750	\$24,310	\$25,125	3.4%
556 - ALUMINUM (FERROUS) SULFATE	\$0	\$5,470	\$5,530	\$11,000	\$0	\$73,500	100.0%
556.1 - POLYALUMINUM CHLORIDE	\$52,619	\$8,107	\$0	\$8,107	\$23,450	\$0	-100.0%
557 - MISCELLANEOUS CHEMICALS	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
TOTAL CHEMICALS	\$295,905	\$200,452	\$109,305	\$309,757	\$217,300	\$283,645	30.5%
III - REPAIRS & MAINTENANCE							
SEWERAGE							
561 - PRE-PRIMARY TREATMENT	\$34,167	\$28,810	\$13,990	\$42,800	\$31,000	\$46,500	50.0%
562 - PRIMARY TREATMENT	\$2,767	\$3,721	\$2,179	\$5,900	\$5,100	\$5,000	-2.0%
563 - SECONDARY	\$7,589	\$1,833	\$1,667	\$3,500	\$10,000	\$9,000	-10.0%
564 - OUTFALL	\$8,611	\$2,624	\$2,576	\$5,200	\$11,000	\$13,000	18.2%
565 - ODOR CONTROL BLDG	\$472	\$0	\$750	\$750	\$1,500	\$5,000	233.3%
566 - FILTER BELT PRESS/ CENTRIFUGE	\$6,302	\$7,666	\$2,834	\$10,500	\$5,000	\$9,000	80.0%
567 - INSTRUMENTATION	\$2,165	\$3,015	\$485	\$3,500	\$2,500	\$3,500	40.0%
568 - DIGESTORS	\$36,437	\$21,280	\$14,000	\$35,280	\$35,000	\$35,000	0.0%
569 - GRAVITY BELT THICKENERS	\$140	\$6,818	\$1,482	\$8,300	\$7,500	\$6,000	-20.0%
570 - SAMPLERS	\$2,033	\$1,376	\$924	\$2,300	\$4,000	\$2,500	-37.5%
TOTAL SEWERAGE	\$100,684	\$77,143	\$40,887	\$118,030	\$112,600	\$134,500	19.4%

APPROVED 2020 BUDGET

NEENAH-MENASHA SEWERAGE COMMISSION
2020 BUDGET SUMMARY - EXPENSES

	2018 ACTUAL	2019			2019 BUDGET	2020 APPROVED BUDGET	% CHANGE
		7 MONTH ACTUAL	5 MONTH ESTIMATE	12 MONTH ESTIMATE			
BUILDING & GROUNDS							
591 - OFFICE SUPPLIES	\$14,538	\$7,328	\$8,322	\$15,650	\$23,500	\$23,000	-2.1%
592 - LABORATORY SUPPLIES	\$26,348	\$9,324	\$10,326	\$19,650	\$31,750	\$27,500	-13.4%
593 - TRANSPORTATION	\$7,027	\$3,835	\$1,965	\$5,800	\$7,000	\$6,000	-14.3%
594 - ELECTRICAL SUPPLIES	\$5,448	\$4,580	\$3,220	\$7,800	\$7,500	\$7,000	-6.7%
595 - PERSONNEL SUPPLIES	\$7,065	\$3,274	\$2,326	\$5,600	\$10,800	\$8,600	-20.4%
596 - CLEANING SUPPLIES	\$4,569	\$4,488	\$5,112	\$9,600	\$7,250	\$7,600	4.8%
597 - PHYSICAL PLANT REPAIR / MAINT	\$92,495	\$67,772	\$42,928	\$110,700	\$119,250	\$153,775	29.0%
598 - HARDWARE SUPPLIES	\$1,322	\$671	\$529	\$1,200	\$1,750	\$1,750	0.0%
599 - SHOP SUPPLIES	\$5,097	\$2,592	\$1,608	\$4,200	\$5,000	\$5,000	0.0%
600 - LUBRICANTS	\$5,786	\$2,000	\$2,001	\$4,000	\$6,500	\$6,500	0.0%

TOTAL BUILDING & GROUNDS	\$169,694	\$105,864	\$78,336	\$184,200	\$220,300	\$246,725	12.0%
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TOTAL REPAIRS & MAINTENANCE	\$270,378	\$183,007	\$119,223	\$302,230	\$332,900	\$381,225	14.5%
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INTERCEPTORS							
581 - CLEAN & INSPECT	\$12,832	\$0	\$0	\$0	\$3,300	\$3,300	0.0%
582 - MANHOLE/PIPE REPAIRS	\$0	\$0	\$0	\$0	\$38,000	\$38,000	0.0%

TOTAL INTERCEPTOR REPAIR/MAINT.	\$12,832	\$0	\$0	\$0	\$41,300	\$41,300	0.0%
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BUDGET SUMMARY - OPERATIONS							
I - OPERATIONS	\$2,575,376	\$1,573,679	\$1,103,348	\$2,677,026	\$2,683,994	\$2,710,386	1.0%
II - CHEMICALS	\$295,905	\$200,452	\$109,305	\$309,757	\$217,300	\$283,645	30.5%
III - REPAIRS/MAINTENANCE	\$270,378	\$183,007	\$119,223	\$302,230	\$332,900	\$381,225	14.5%
SUBTOTAL	\$3,141,659	\$1,957,137	\$1,331,876	\$3,289,013	\$3,234,194	\$3,375,256	4.4%
INTERCEPTOR REPAIRS/MAINT.	\$12,832	\$0	\$0	\$0	\$41,300	\$41,300	0.0%
5-YEAR FUNDING OF SURPLUS CASH FOR OPERATIONS	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
MISC. REVENUES	\$99,749	\$66,455	\$47,468	\$113,923	\$99,270	\$104,600	5.4%
OPERATING BUDGET w/INTERCEPTOR	\$3,054,742	\$1,890,682	\$1,284,409	\$3,175,091	\$3,176,224	\$3,311,956	4.3%

BUDGET SUMMARY - TOTAL BUDGET							
NET OPERATING BUDGET	3,041,910	1,890,682	1,284,409	3,175,091	3,134,924	\$3,270,656	4.3%
INTERCEPTOR MAINTENANCE	12,832	0	0	0	41,300	\$41,300	0.0%
REPLACEMENT FUND	778,000	456,761	321,239	778,000	778,000	\$778,000	0.0%
DEPRECIATION FUND	99,999	58,336	41,664	100,000	100,000	\$100,000	0.0%
CAPITAL BUDGET	\$1,441,924	\$923,213	\$518,706	\$1,441,919	\$1,384,816	\$1,468,585	6.0%
TOTAL EXPENDITURES	5,374,665	3,328,992	2,166,018	5,495,010	5,439,040	\$5,658,541	4.0%

SUMMARY OF BUDGET EXPENSES					
	2018 ACTUAL	2019 ESTIMATE	2019 BUDGET	2020 APPROVED BUDGET	% CHANGE
OPERATIONS & MAINTENANCE BUDGET					
The Operations & Maintenance Budget is for the day-to-day operations associated with running the Wastewater Treatment Facility.					
	3,041,910	3,175,091	3,134,924	\$3,270,656	4.3%
INTERCEPTOR MAINTENANCE					
The Interceptor Maintenance is established to cover expenditures for the costs to televise, clean and repair the NMSC Interceptor. The costs are billed to the community based on their % of use of the Interceptor.					
	12,832	0	41,300	\$41,300	0.0%
REPLACEMENT FUND BUDGET					
The Replacement Fund is established to cover expenditures for the replacement of mechanical equipment necessary to maintain the plant design capacity and performance. This fund is mandated by Federal/State Regulations.					
	778,000	778,000	778,000	\$778,000	0.0%
DEPRECIATION FUND BUDGET					
The Depreciation Fund is being established in 1997 to cover expenditures for the replacement of mechanical equipment not covered under the Replacement Fund, for the maintenance/repair of current structures that deteriorate over time, and for modifications to structures and/or equipment that will benefit the plants operating efficiency.					
	99,999	100,000	100,000	\$100,000	0.0%
CAPITAL BUDGET					
CLEAN WATER FUND - Interest	450,153	404,336	404,336	\$410,970	1.6%
CLEAN WATER FUND - Principal	991,771	980,480	980,480	\$1,057,615	7.9%
	\$1,441,924	\$1,384,816	\$1,384,816	\$1,468,585	6.0%
	\$5,374,665	\$5,437,907	\$5,439,040	\$5,658,541	4.0%

SUMMARY OF BUDGET INCOME					
	2018 ACTUAL	2019 ESTIMATE	2019 BUDGET	2020 APPROVED BUDGET	% CHANGE
CITY OF NEENAH	2,384,134	2,478,084	2,341,839	2,484,417	6.1%
CITY OF MENASHA	970,494	818,493	1,034,182	1,021,317	-1.2%
TOWN OF NEENAH S.D. #2	37,407	36,555	63,091	52,535	-16.7%
VILLAGE OF FOX CROSSING (formerly Town of Menasha)	734,428	791,489	783,092	781,894	-0.2%
HARRISON UTILITIES (formerly Waverly S.D.)	226,945	222,204	224,632	237,417	5.7%
SONOCO/U.S. MILLS	1,021,257	1,091,082	992,204	1,080,961	8.9%
	\$5,374,665	\$5,437,907	\$5,439,040	\$5,658,541	4.0%

APPROVED 2020 BUDGET

2020 BUDGET SUMMARY - INCOME							
	2018 ACTUAL	2019			2019 BUDGET	2020 APPROVED BUDGET	% CHANGE
		8 MONTH ACTUAL	4 MONTH ESTIMATE	12 MONTH ESTIMATE			
OPERATING BUDGET	\$3,041,910	\$2,148,304	\$1,026,786	\$3,175,091	\$3,134,924	\$3,270,656	4.3%
INTERCEPTOR MAINT.	\$12,832	\$0	\$0	\$0	\$41,300	\$41,300	0.0%
REPLACEMENT FUND	\$778,000	\$456,761	\$321,239	\$778,000	\$778,000	\$778,000	0.0%
DEPRECIATION FUND	\$99,999	\$58,336	\$41,664	\$100,000	\$100,000	\$100,000	0.0%
CAPITAL BUDGET	\$1,441,924	\$923,213	\$461,604	\$1,384,817	\$1,384,817	\$1,468,585	6.0%
TOTAL INCOME	\$5,374,665	\$3,586,614	\$1,851,293	\$5,437,908	\$5,439,041	\$5,658,541	4.0%
ESTIMATED REVENUES							
NEENAH:							
OPERATING	\$1,354,052	\$975,938	\$466,451	\$1,442,389	\$1,349,909	\$1,438,909	6.6%
REPLACEMENT	\$351,298	\$210,996	\$148,393	\$359,389	\$347,804	\$353,662	1.7%
DEPRECIATION	\$43,645	\$26,249	\$18,747	\$44,996	\$42,777	\$43,619	2.0%
CAPITAL	\$635,139	\$420,874	\$210,436	\$631,310	\$601,349	\$648,227	7.8%
TOTAL	\$2,384,134	\$1,634,057	\$844,028	\$2,478,084	\$2,341,839	\$2,484,417	6.1%
MENASHA:							
OPERATING	\$543,654	\$318,585	\$152,268	\$470,853	\$575,938	\$572,551	-0.6%
INTERCEPTOR	\$8,688	\$0	\$0	\$0	\$36,160	\$36,161	0.0%
REPLACEMENT	\$149,197	\$76,422	\$53,747	\$130,169	\$152,679	\$146,050	-4.3%
DEPRECIATION	\$17,451	\$8,688	\$6,205	\$14,893	\$18,000	\$16,935	-5.9%
CAPITAL	\$251,505	\$135,052	\$67,526	\$202,578	\$251,404	\$249,620	-0.7%
TOTAL	\$970,494	\$538,747	\$279,746	\$818,493	\$1,034,181	\$1,021,317	-1.2%
TOWN NEENAH SD #2:							
OPERATING	\$28,736	\$19,255	\$9,203	\$28,458	\$50,113	\$41,890	-16.4%
REPLACEMENT	\$7,686	\$4,210	\$2,961	\$7,171	\$11,370	\$9,359	-17.7%
DEPRECIATION	\$985	\$540	\$386	\$926	\$1,608	\$1,286	-20.0%
CAPITAL	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
TOTAL	\$37,407	\$24,005	\$12,550	\$36,555	\$63,091	\$52,535	-16.7%
FOX CROSSING							
OPERATING	\$408,066	\$307,094	\$146,776	\$453,871	\$450,092	\$451,470	0.3%
INTERCEPTOR	\$3,532	\$0	\$0	\$0	\$4,380	\$4,380	0.0%
REPLACEMENT	\$111,323	\$70,913	\$49,873	\$120,786	\$114,934	\$110,564	-3.8%
DEPRECIATION	\$13,632	\$8,442	\$6,029	\$14,471	\$14,224	\$13,619	-4.3%
CAPITAL	\$197,875	\$134,908	\$67,454	\$202,362	\$199,462	\$201,861	1.2%
TOTAL	\$734,428	\$521,357	\$270,132	\$791,489	\$783,092	\$781,894	-0.2%
HARRISON UTILITIES							
OPERATING	\$125,731	\$86,796	\$41,484	\$128,280	\$129,971	\$137,771	6.0%
INTERCEPTOR	\$613	\$0	\$0	\$0	\$760	\$760	-0.1%
REPLACEMENT	\$33,268	\$18,489	\$13,003	\$31,492	\$31,241	\$31,786	1.7%
DEPRECIATION	\$4,328	\$2,440	\$1,743	\$4,183	\$4,159	\$4,230	1.7%
CAPITAL	\$63,005	\$38,833	\$19,416	\$58,249	\$58,502	\$62,870	7.5%
TOTAL	\$226,945	\$146,558	\$75,647	\$222,204	\$224,633	\$237,417	5.7%
SONOCO/U.S. MILLS							
OPERATING	\$581,671	\$440,636	\$210,603	\$651,239	\$578,901	\$628,064	8.5%
REPLACEMENT	\$125,228	\$75,731	\$53,262	\$128,993	\$119,972	\$126,579	5.5%
DEPRECIATION	\$19,958	\$11,977	\$8,554	\$20,531	\$19,232	\$20,312	5.6%
CAPITAL	\$294,400	\$193,546	\$96,772	\$290,318	\$274,100	\$306,006	11.6%
TOTAL	\$1,021,257	\$721,890	\$369,191	\$1,091,082	\$992,205	\$1,080,961	8.9%
TOTAL REVENUES							
OPERATING	\$3,041,910	\$2,148,304	\$1,026,786	\$3,175,091	\$3,134,924	\$3,270,656	4.3%
INTERCEPTOR	\$12,832	\$0	\$0	\$0	\$41,300	\$41,300	0.0%
REPLACEMENT	\$778,000	\$456,761	\$321,239	\$778,000	\$778,000	\$778,000	0.0%
DEPRECIATION	\$99,999	\$58,336	\$41,664	\$100,000	\$100,000	\$100,000	0.0%
CAPITAL	\$1,441,924	\$923,213	\$461,604	\$1,384,817	\$1,384,817	\$1,468,585	6.0%
TOTAL	\$5,374,665	\$3,586,614	\$1,851,293	\$5,437,908	\$5,439,041	\$5,658,541	4.0%

Account Nos. 512 - 549 - OPERATIONS

Account No. 512 - Salaries & Wages

The wages are the estimated wages that will be paid in 2020.

Account No 512.4 - Wages

<u>YEAR</u>	<u>TOTAL COST</u>
2015	\$3,736
2016	\$3,777
2017	\$4,240
2018	\$5,967
2019 - EST	\$6,000
2019 - Budget	\$5,200
2020 - EST	\$5,800

2020 EST WAGES

Summer Helper/Student Intern	\$5,800	
		<u><u>\$5,800</u></u>

Account No 512.5 - Overtime Wages

<u>YEAR</u>	<u>TOTAL COST</u>	
2020	\$0	<u><u>\$0</u></u>

TOTAL SALARIES AND WAGES (accts 512.1-512.6) \$5,800

Account No. 514 - Professional Fees

Account No. 514.1 - Attorney

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$12,040	
2016	\$5,640	
2017	\$3,138	
2018	\$3,952	
2019 - EST	\$9,000	
2019 - Budget	\$7,000	
2020 - EST	\$7,000	<u><u>\$7,000</u></u>

Account No. 514.2 - Auditor

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$7,950	
2016	\$6,600	
2017	\$6,800	
2018	\$7,000	
2019 - EST	\$7,100	
2019 - Budget	\$7,100	
2020 - EST	\$7,225	<u><u>\$7,225</u></u>

APPROVED 2020 BUDGET

Account No. 514.4 - Private Lab Fees

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$9,940	
2016	\$12,155	
2017	\$14,784	
2018	\$23,284	
2019 - EST	\$32,500	
2019 - Budget	\$23,000	
2020 - EST	\$19,000	<u><u>\$19,000</u></u>

Account No. 514.5 - Contract Management

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$1,483,003	
2016	\$1,488,921	
2017	\$1,520,360	
2018	\$1,549,981	
2019 - EST	\$1,580,311	
2019 - Budget	\$1,588,150	
2020 - EST	\$1,623,821	<u><u>\$1,623,821</u></u>

Account No. 514.6 - Other Consultants, Engineering Services, misc.

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$84,386	
2016	\$25,147	
2017	\$19,440	
2018	\$26,857	
2019 - EST	\$37,500	
2019 - Budget	\$51,000	
2020 - EST	\$62,000	<u><u>\$62,000</u></u>

Account No. 514.7 - Security Services

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$94,257	
2016	\$90,833	
2017	\$90,408	
2018	\$95,793	
2019 - EST	\$99,900	
2019 - Budget	\$97,000	
2020 - EST	\$101,000	<u><u>\$101,000</u></u>

TOTAL PROFESSIONAL FEES(accts 514.1-514.7)

\$1,820,046

APPROVED 2020 BUDGET

Account No. 517 - Social Security

(based on 2020 estimated wages & commissioner stipend)

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$898	
2016	\$947	
2017	\$868	
2018	\$1,145	
2019 - EST	\$1,100	
2019 - Budget	\$1,094	
2020 - EST	\$1,140	<u><u>\$1,140</u></u>

Account No. 520 - Administration

Account No. 520.4 - Commission Meetings

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$8,000	
2016	\$8,600	
2017	\$7,100	
2018	\$9,000	
2019 - EST	\$9,000	
2019 - Budget	\$9,100	
2020 - EST	\$9,100	<u><u>\$9,100</u></u>

**Account No. 520.5 - Leases, Legal Notices, State Registrations,
NMSC memberships, fees, Other Misc**

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$3,540	
2016	\$3,720	
2017	\$3,659	
2018	\$5,656	
2019 - EST	\$5,700	
2019 - Budget	\$5,000	
2020 - EST	\$5,800	<u><u>\$5,800</u></u>

Account No. 520.6 - DNR Administrative Fees

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$60,383	
2016	\$58,809	
2017	\$48,980	
2018	\$50,426	
2019 - EST	\$49,258	
2019 - Budget	\$58,000	
2020 - EST	\$50,500	<u><u>\$50,500</u></u>

APPROVED 2020 BUDGET

TOTAL ADMINISTRATIVE COSTS (accts 520.1-520.6) \$65,400

Account No. 521 - Telephone/Cellular/Flow Recording Data Transfer

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$5,550	
2016	\$5,918	
2017	\$6,383	
2018	\$5,978	
2019 - EST	\$6,000	
2019 - Budget	\$6,200	
2020 - EST	\$6,100	<u>\$6,100</u>

Account No. 522 - Insurance

The following is a list of insurance categories and premium estimates for 2020:

Account No. 522.2 - Property Insurance

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$50,477	
2016	\$53,719	
2017	\$52,067	
2018	\$54,779	
2019 - EST	\$55,382	
2019 - Budget	\$57,000	
2020 - EST	\$57,000	<u>\$57,000</u>

Account No. 522.3 - General Liability

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$8,507	
2016	\$11,318	
2017	\$13,072	
2018	\$12,930	
2019 - EST	\$10,182	
2019 - Budget	\$13,600	
2020 - EST	\$11,500	<u>\$11,500</u>

Account No. 522.4 - Automobile

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$192	
2016	\$191	
2017	\$191	
2018	\$192	
2019 - EST	\$305	
2019 - Budget	\$200	
2020 - EST	\$350	\$350

APPROVED 2020 BUDGET

Account No. 522.5 - Crime

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$432	
2016	\$432	
2017	\$450	
2018	\$663	
2019 - EST	\$663	
2019 - Budget	\$675	
2020 - EST	\$675	<u>\$675</u>

Account No. 522.6 - Boiler

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$6,000	
2016	\$6,000	
2017	\$6,000	
2018	\$5,000	
2019 - EST	\$5,000	
2019 - Budget	\$5,500	
2020 - EST	\$5,250	<u>\$5,250</u>

Account No. 522.7 - Worker's Compensation

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$832	
2016	\$837	
2017	\$759	
2018	\$701	
2019 - EST	\$700	
2019 - Budget	\$725	
2020 - EST	\$700	<u>\$700</u>

Account No. 522.8 - Umbrella Liability

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$3,130	
2016	\$3,181	
2017	\$3,113	
2018	\$2,952	
2019 - EST	\$3,046	
2019 - Budget	\$3,200	
2020 - EST	\$3,250	<u>\$3,250</u>

APPROVED 2020 BUDGET

Account No. 522.9 - Public Officials

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$1,150	
2016	\$1,964	
2017	\$2,005	
2018	\$1,983	
2019 - EST	\$1,983	
2019 - Budget	\$2,100	
2020 - EST	\$2,100	<u><u>\$2,100</u></u>

TOTAL INSURANCE (accts 522.1-522.9)

\$80,825

Account No. 530 - UTILITIES

Account No 531 - Electricity

<u>YEAR</u>	<u>TOTAL KWHr</u>	<u>COST \$/KWHr</u>	<u>TOTAL COST</u>
2015	6,301,341	\$0.083	\$525,108
2016	5,935,534	\$0.081	\$483,582
2017	5,664,805	\$0.081	\$459,223
2018	6,216,115	\$0.076	\$472,561
2019 - EST	6,045,000	\$0.076	\$460,000
2019 - Budget	6,000,000	\$0.086	\$517,000
2020 - EST	6,000,000	\$0.080	\$480,000
			<u><u>\$480,000</u></u>

Account No 532 - Water Usage

<u>YEAR</u>	<u>GALLONS (1000's)</u>	<u>UNIT COST \$/1000</u>	<u>TOTAL COST</u>
2015*	3,382	\$7.726	\$26,128 *
2016	2,475	\$6.777	\$16,773
2017	2,299	\$6.818	\$15,675
2018	2,207	\$7.657	\$16,898
2019 - EST	2,313	\$7.351	\$17,000
2019 - Budget	2,200	\$8.136	\$17,900
2020 - EST	2,400	\$7.500	\$18,000
			<u><u>\$18,000</u></u>

* - Fire Protection Fees included in TOTAL COST

Account No 533 - Storm Water Utility

<u>YEAR</u>	<u>TOTAL COST</u>
2015	\$5,484
2016	\$6,621
2017	\$7,069
2018	\$7,146
2019 - EST	\$7,112
2019 - Budget	\$7,200
2020 - EST	\$7,200
	<u><u>\$7,200</u></u>

APPROVED 2020 BUDGET

Account No 534 - Natural Gas

<u>YEAR</u>	<u>THERMS</u>	<u>UNIT COST</u> <u>\$/THERM</u>	<u>TOTAL</u> <u>COST</u>
2015	103,661	\$0.552	\$57,234
2016	76,077	\$0.490	\$37,285
2017	87,417	\$0.478	\$41,808
2018	20,888	\$0.560	\$11,695
2019 - EST	96,000	\$0.469	\$45,000
2019 - Budget	25,000	\$0.510	\$12,750
2020 - EST	40,000	\$0.500	\$20,000
			<u><u>\$20,000</u></u>

Account No 535 - Fire Protection Fees

<u>YEAR</u>	<u>TOTAL</u> <u>COST</u>
2016	\$3,857
2017	\$3,857
2018	\$4,320
2019 - EST	\$4,500
2019 - Budget	\$4,500
2020 - EST	\$4,600
	<u><u>\$4,600</u></u>

TOTAL UTILITIES (accts. 531 - 534) \$529,800

Account No 536 - Industrial Metering and Sampling

It is anticipated that charges to this account will result from out-of-pocket expenses such as outside laboratory fees, charts, and maintenance of metering and sampling stations. Other in-house expenses are included in other operating accounts such as: Contract Management, transportation, laboratory supplies, ect.

Laboratory fees, supplies and maintenance:

<u>YEAR</u>	<u>TOTAL</u> <u>COST</u>
2015	\$1,936
2016	\$18,279
2017	\$2,587
2018	\$2,525
2019 - EST	\$2,400
2019 - Budget	\$5,000
2020 - EST	\$5,000
	<u><u>\$5,000</u></u>

ACCOUNT No. 545 - SLUDGE DISPOSAL

Account No 546 - Sludge Haul & Dispose

<u>YEAR</u>	<u>VOLUME</u> <u>TONS</u>	<u>UNIT COST</u> <u>\$/TON</u>	<u>TOTAL</u> <u>COST</u>
2015	6,502	\$23.48	\$152,678
2016	7,104	\$23.53	\$167,151
2017	7,336	\$24.17	\$177,266
2018	7,764	\$24.75	\$192,151
2019 - EST	8,623	\$25.22	\$217,484
2019 - Budget	7,100	\$24.62	\$174,800
2020 - EST	7,500	\$25.57	\$191,775
			\$191,775

APPROVED 2020 BUDGET

Account No 547 - Sludge Building

<u>YEAR</u>	<u>TOTAL COST</u>	
2012 - 2017	\$0	
2018	\$0	
2019 - EST	\$0	
2019 - Budget	\$0	
2020 - EST	\$0	<u><u>\$0</u></u>

Account No 548 - Soil Testing Charges

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$1,500	
2016	\$1,500	
2017	\$1,344	
2018	\$932	
2019 - EST	\$1,000	
2019 - Budget	\$1,500	
2020 - EST	\$1,500	<u><u>\$1,500</u></u>

Account No 549 - Fuel & Equipment Charges

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$2,232	
2016	\$2,192	
2017	\$2,332	
2018	\$2,910	
2019 - EST	\$2,700	
2019 - Budget	\$2,500	
2020 - EST	\$3,000	<u><u>\$3,000</u></u>

TOTAL SLUDGE DISPOSAL (Accts. 546 - 549) \$196,275

TOTAL OPERATIONS (Accts. 512 - 549) \$2,710,386

Account No. 550 - Chemicals

Account No 551 - Ferric Chloride

<u>YEAR</u>	<u>WEIGHT LBS</u>	<u>UNIT COST \$/LBS</u>	<u>TOTAL COST</u>	
2015	0		\$0	* - Phosphorus removal trial study to be
2016	690,400	\$0.090	\$61,830	performed attempting to reach
2017	0		\$0	projected new phosphorus limits
2018				- trial period ran Feb-Aug 2016.
2019 - EST	0		\$0	
2019 - Budget	0		\$0	
2020 - EST	0		\$0	
			<u><u>\$0</u></u>	

APPROVED 2020 BUDGET

Account No 552 - Polymer

	<u>YEAR</u>	<u>LBS.</u>	<u>UNIT COST</u> <u>\$/LB</u>	<u>COST</u>
	2015	37,400	\$1.88	\$70,312
	2016	46,200	\$1.65	\$76,444
	2017	56,253	\$1.51	\$84,715
	2018	145,677	\$0.72	\$105,500
	2019 - EST	140,969	\$1.46	\$206,100
	2019 - Budget	60,000	\$1.80	\$108,000
	2020 - EST	60,000	\$1.96	\$117,600
				<u><u>\$117,600</u></u>

Account No 553 - Sodium Bisulfite

	<u>YEAR</u>	<u>GALLONS</u>	<u>UNIT COST</u> <u>\$/GAL</u>	<u>COST</u>
	2015	14,410	\$2.810	\$40,492
	2016	15,192	\$2.810	\$42,690
	2017	15,886	\$2.850	\$45,275
	2018	18,421	\$2.746	\$50,586
	2019 - EST	18,500	\$2.746	\$50,800
	2019 - Budget	16,000	\$2.940	\$47,040
	2020 - EST	18,000	\$2.940	\$52,920
				<u><u>\$52,920</u></u>

Account No 554 - Chlorine

	<u>YEAR</u>	<u>QUANTITY</u> <u>(gals)</u>	<u>UNIT COST</u> <u>\$/TON</u>	<u>TOTAL</u> <u>COST</u>
	2015	0	\$0.00	\$0
	2016	0	\$0.00	\$0
	2017	0	\$0.00	\$0
	2018	16,074	\$1.42	\$22,845
liquid	2019 - EST	0	\$0.00	\$0
liquid	2019 - Budget	10,000	\$1.45	\$14,500
liquid	2020 - EST	10,000	\$1.45	\$14,500
				<u><u>\$14,500</u></u>

Account No 555 - Salt

	<u>YEAR</u>	<u>TONS</u>	<u>UNIT COST</u> <u>\$/ton</u>	<u>TOTAL</u> <u>COST</u>
	2015	198	\$172.72	\$34,263
	2016	127	\$176.36	\$22,446
	2017	128	\$180.52	\$23,032
	2018	127	\$190.03	\$24,178
	2019 - EST	125	\$198.03	\$24,754
	2019 - Budget	130	\$187.00	\$24,310
	2020 - EST	125	\$201.00	\$25,125
				<u><u>\$25,125</u></u>

APPROVED 2020 BUDGET

Account No 556 - Aluminum Sulfate (Ferrous Sulfate)

<u>YEAR</u>	<u>DRY TONS</u>	<u>UNIT COST \$/dry ton</u>	<u>TOTAL COST</u>
2015	426	\$172	\$73,024
2016	47	\$168	\$7,929
2017	0	\$0	\$0
2018	0	\$0	\$0
2019 - EST	94	\$117.02	\$11,000
2019 - Budget	0	\$0	\$0
2020 - EST	300	\$245.00	\$73,500
			<u><u>\$73,500</u></u>

* - Phosphorus removal trial study to be performed attempting to reach projected new phosphorus limits

Account No 556.1 - PolyAluminum Chloride (Hyper+lon)

<u>YEAR</u>	<u>DRY TONS</u>	<u>UNIT COST \$/dry ton</u>	<u>TOTAL COST</u>
2016	116.76	\$268.00	-Hyperlon 1997 - see Misc Chemicals
2017	456.00	\$329.21	-Hyperlon 4107 - see Misc Chemicals
2018	160.75	\$329.21	\$52,619 -Hyperlon 4107
2019 - EST	21.91	\$329.21	\$8,107
2019 - Budget	67.00	\$350.00	\$23,450
2020 - EST	0.00	\$0.00	\$0
			<u><u>\$0</u></u>

Account No 557 - Miscellaneous Chemicals

<u>YEAR</u>	<u>CHEMICALS</u>	<u>TOTAL COST</u>
2015	Muriatic Acid	\$215
2016	Zetag, Hyper Ion 1997	\$26,369
2017	Hyper Ion 4107	\$150,597
2018		\$0
2019 - EST		\$0
2019 - Budget		\$0
2020 - EST		\$0
		<u><u>\$0</u></u>

* - Phosphorus removal trial study to be performed with new chemicals, trial period est to run 9/16 - 12/17 using:
 - Hyper Ion 1997 - 45.83T
 - Hyper Ion 4107 -est 428.03T

TOTAL CHEMICALS (Accts. 551 - 559)

\$283,645

Account No 560 - Sewerage

This account, under the general category of Repairs and Maintenance estimates costs for maintenance which are somewhat predictable and for repairs which are usually unpredictable.

Account No 561 - Pre-Primary Treatment

<u>YEAR</u>	<u>TOTAL COST</u>
2015	\$24,054
2016	\$39,552
2017	\$35,222
2018	\$34,167
2019 - EST	\$42,800
2019 - Budget	\$31,000
2020 - EST	\$46,500
	<u><u>\$46,500</u></u>

APPROVED 2020 BUDGET

Account No 562 - Primary Treatment

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$3,227	
2016	\$6,458	
2017	\$6,222	
2018	\$2,767	
2019 - EST	\$5,000	
2019 - Budget	\$5,100	
2020 - EST	\$5,000	<u><u>\$5,000</u></u>

Account No 563 - Secondary Treatment

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$20,310	
2016	\$10,322	
2017	\$12,746	
2018	\$7,589	
2019 - EST	\$3,500	
2019 - Budget	\$10,000	
2020 - EST	\$9,000	<u><u>\$9,000</u></u>

TOTAL SECONDARY TREATMENT (Accts. 563.00 - 563.01) \$9,000

Account No 564 - Outfall

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$11,399	
2016	\$20,449	
2017	\$28,138	
2018	\$8,611	
2019 - EST	\$5,200	
2019 - Budget	\$11,000	
2020 - EST	\$13,000	<u><u>\$13,000</u></u>

Account No 565 - Odor Control System

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$1,644	
2016	\$6,437	
2017	\$318	
2018	\$472	
2019 - EST	\$750	
2019 - Budget	\$1,500	
2020 - EST	\$5,000	<u><u>\$5,000</u></u>

APPROVED 2020 BUDGET

Account No 566 - Centrifuge (2014)

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$6,597	
2016	\$13,083	
2017	\$12,647	
2018	\$6,302	
2019 - EST	\$10,500	
2019 - Budget	\$5,000	
2020 - EST	\$9,000	<u><u>\$9,000</u></u>

Account No 567 - Instrumentation

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$3,714	
2016	\$2,263	
2017	\$1,134	
2018	\$2,165	
2019 - EST	\$3,500	
2019 - Budget	\$2,500	
2020 - EST	\$3,500	<u><u>\$3,500</u></u>

Account No 568 - Digestors

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$46,056	
2016	\$37,606	
2017	\$34,861	
2018	\$36,437	
2019 - EST	\$35,280	
2019 - Budget	\$35,000	
2020 - EST	\$35,000	<u><u>\$35,000</u></u>

Account No 569 - Gravity Belt Thickeners

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$7,796	
2016	\$610	
2017	\$7,949	
2018	\$140	
2019 - EST	\$8,300	
2019 - Budget	\$7,500	
2020 - EST	\$6,000	<u><u>\$6,000</u></u>

APPROVED 2020 BUDGET

Account No 570 - Samplers

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$6,018	
2016	\$3,672	
2017	\$2,634	
2018	\$2,033	
2019 - EST	\$2,300	
2019 - Budget	\$4,000	
2020 - EST	\$2,500	<u><u>\$2,500</u></u>

TOTAL SEWERAGE (Accts. 561 - 570)

\$134,500

Account Nos. 590 - 600 - Building & Grounds

Account No. 591 - Office Supplies

Account No. 591.1 - General Supplies

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$2,537	
2016	\$1,962	
2017	\$3,616	
2018	\$2,067	
2019 - EST	\$3,300	
2019 - Budget	\$2,500	
2020 - EST	\$2,500	<u><u>\$2,500</u></u>

Account No 591.2 - Office Equipment Maintenance/Agreements

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$9,060	
2016	\$17,363	
2017	\$13,039	
2018	\$8,083	
2019 - EST	\$10,500	
2019 - Budget	\$18,000	
2020 - EST	\$18,000	<u><u>\$18,000</u></u>

Account No 591.3 - Computer Supplies

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$5,127	
2016	\$3,125	
2017	\$590	
2018	\$4,113	
2019 - EST	\$1,850	
2019 - Budget	\$2,500	
2020 - EST	\$2,500	<u><u>\$2,500</u></u>

APPROVED 2020 BUDGET

Account No 591.4 - Copier Supplies

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$295	
2016	\$0	
2017	\$0	
2018	275	
2019 - EST	\$0	
2019 - Budget	\$500	
2020 - EST	\$0	<u><u>\$0</u></u>

TOTAL OFFICE SUPPLIES (accts 591.1-591.4)

\$23,000

Account No 592 - Laboratory Supplies

Account No 592.1 - Chemicals

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$6,951	
2016	\$9,328	
2017	\$10,009	
2018	\$10,574	
2019 - EST	\$9,500	
2019 - Budget	\$11,000	
2020 - EST	\$10,000	<u><u>\$10,000</u></u>

Account No 592.2 - Plastic/Glassware

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$498	
2016	\$971	
2017	\$1,286	
2018	\$815	
2019 - EST	\$600	
2019 - Budget	\$1,750	
2020 - EST	\$1,500	<u><u>\$1,500</u></u>

Account No 592.3 - Filter Papers

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$5,197	
2016	\$5,831	
2017	\$5,115	
2018	\$4,717	
2019 - EST	\$2,750	
2019 - Budget	\$6,000	
2020 - EST	\$5,000	<u><u>\$5,000</u></u>

APPROVED 2020 BUDGET

Account No 592.4 - Minor Instruments

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$7,159	
2016	\$4,169	
2017	\$5,944	
2018	\$9,313	
2019 - EST	\$5,000	
2019 - Budget	\$7,000	
2020 - EST	\$7,000	<u><u>\$7,000</u></u>

Account No 592.5 - Thermometers/Recertification, Other Misc

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$7,787	
2016	\$5,414	
2017	\$2,522	
2018	\$928	
2019 - EST	\$1,800	
2019 - Budget	\$6,000	
2020 - EST	\$4,000	<u><u>\$4,000</u></u>

TOTAL LABORATORY SUPPLIES (accts 592.1-592.5) \$27,500

Account No. 593 - Transportation

Account No. 593.1 - Truck Lease

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$6,733	
2016	\$6,069	
2017	\$5,774	
2018	\$7,027	
2019 - EST	\$5,800	
2019 - Budget	\$7,000	
2020 - EST	\$6,000	<u><u>\$6,000</u></u>

Account No. 594 - Electrical Supplies

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$5,280	
2016	\$10,403	
2017	\$7,945	
2018	\$5,448	
2019 - EST	\$7,800	
2019 - Budget	\$7,500	
2020 - EST	\$7,000	<u><u>\$7,000</u></u>

APPROVED 2020 BUDGET

Account No 595 - Personnel Supplies

Account No 595.1 - Office - Internet Services, Bottled Water, Misc.

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$1,998	
2016	\$1,590	
2017	\$1,351	
2018	\$1,380	
2019 - EST	\$1,500	
2019 - Budget	\$1,800	
2020 - EST	\$1,600	<u><u>\$1,600</u></u>

Account No 595.2 - Plant - Personnel/Safety Supplies

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$5,372	
2016	\$5,723	
2017	\$4,107	
2018	\$5,685	
2019 - EST	\$4,100	
2019 - Budget	\$9,000	
2020 - EST	\$7,000	<u><u>\$7,000</u></u>

TOTAL PERSONNEL SUPPLIES (accts 595.1-595.2) \$8,600

Account No 596 - Cleaning Supplies

Account No 596.1 - Office Cleaning

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$0	
2016	\$0	
2017	\$0	
2018	\$0	
2019 - EST	\$2,000	
2019 - Budget	\$0	
2020 - EST	\$0	<u><u>\$0</u></u>

Account No 596.2 - Towel/Rug Service

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$2,161	
2016	\$2,523	
2017	\$2,806	
2018	\$3,128	
2019 - EST	\$4,300	
2019 - Budget	\$3,000	
2020 - EST	\$4,600	<u><u>\$4,600</u></u>

APPROVED 2020 BUDGET

Account No 596.3 - Cleaning Supplies, Hand Towels, Other Misc

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$2,331	
2016	\$3,364	
2017	\$673	
2018	\$1,441	
2019 - EST	\$3,300	
2019 - Budget	\$2,250	
2020 - EST	\$3,000	<u><u>\$3,000</u></u>

TOTAL CLEANING SUPPLIES (accts 596.1-596.3) \$7,600

Account No 597 - Physical Plant Repairs/Maintenance

Account No 597.1 - Lawn Maintenance

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$5,230	
2016	\$8,834	
2017	\$6,602	
2018	\$5,558	
2019 - EST	\$6,000	
2019 - Budget	\$5,000	
2020 - EST	\$6,200	<u><u>\$6,200</u></u>

Account No 597.2 - Snow Removal

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$3,952	
2016	\$3,996	
2017	\$8,035	
2018	\$4,786	
2019 - EST	\$6,500	
2019 - Budget	\$5,000	
2020 - EST	\$5,000	<u><u>\$5,000</u></u>

Account No 597.3 - Building Repairs, Refuse Collection, Other Misc

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$65,685	
2016	\$57,033	
2017	\$57,880	
2018	\$33,706	
2019 - EST	\$30,200	
2019 - Budget	\$39,000	
2020 - EST	\$40,000	<u><u>\$40,000</u></u>

APPROVED 2020 BUDGET

Account No 597.4 - Facility Painting

<u>YEAR</u>	<u>TOTAL COST</u>
2016	\$0 * included in acct 597.3
2017	\$0 * included in acct 597.3
2018	\$20,000
2019 - EST	\$30,000
2019 - Budget	\$36,000
2020 - EST	\$30,000
	<u><u>\$30,000</u></u>

Account No 597.5 - Facility Maintenance Agreements

<u>YEAR</u>	<u>TOTAL COST</u>
GE -SCADA \$6575	\$0 * included in other various accounts
ESRI -GIS \$2500	
WIN911 -Auto Dialer \$500	
iReport \$1350	2017 \$28,446
HACH \$7800	2018 \$38,000
J&H -service \$4400	2019 - EST \$34,250
Enercon \$2200	2019 - Budget \$72,575
A-1 Elevator \$1000	2020 - EST
All-Lift \$1000	
Logical Concepts\$250	
Atlas Copco \$45000	Atlas Copco agreement starts in 2019/2020
	<u><u>\$72,575</u></u>

TOTAL PHYSICAL PLANT REPAIRS(accts 597.1-597.5) \$153,775

Account No 598 - Hardware Supplies

<u>YEAR</u>	<u>TOTAL COST</u>
2015	\$1,822
2016	\$1,613
2017	\$1,103
2018	\$1,322
2019 - EST	\$1,200
2019 - Budget	\$1,750
2020 - EST	\$1,750
	<u><u>\$1,750</u></u>

Account No 599 - Shop Supplies

Account No 599.1 - Tools

<u>YEAR</u>	<u>TOTAL COST</u>
2015	\$2,188
2016	\$2,142
2017	\$1,280
2018	\$3,351
2019 - EST	\$2,700
2019 - Budget	\$3,000
2020 - EST	\$3,000
	<u><u>\$3,000</u></u>

APPROVED 2020 BUDGET

Account No 599.2 - Other Misc. Non-Tool Items

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$1,562	
2016	\$1,736	
2017	\$2,132	
2018	\$1,746	
2019 - EST	\$1,500	
2019 - Budget	\$2,000	
2020 - EST	\$2,000	<u>\$2,000</u>

TOTAL SHOP SUPPLIES(accts 599.1-599.2)

\$5,000

Account No 600 - Lubricants

<u>YEAR</u>	<u>TOTAL COST</u>	
2015	\$2,998	
2016	\$4,865	
2017	\$2,894	
2018	\$5,786	
2019 - EST	\$4,000	
2019 - Budget	\$6,500	
2020 - EST	\$6,500	<u>\$6,500</u>

TOTAL BUILDINGS & GROUNDS (ACCTS 591 - 600)

\$240,725

2020 ESTIMATED INTERCEPTOR MAINTENANCE

Account No. 480 - Interceptor Maintenance

<u>YEAR</u>	<u>TOTAL COST</u>	<u>Menasha</u>	<u>Fox Crossing</u>	<u>Harrison Utilities</u>
2017	\$14,067	\$5,775	\$7,066	\$1,226
2018	\$12,832	\$8,688	\$3,532	\$613
2019 - EST	\$0	\$0	\$0	\$0
2019 - Budget	\$3,300	\$3,300	\$0	\$0
2020 - EST	\$3,300	\$3,300	\$0	\$0

Account No. 481 - Interceptor Repairs/Engineering

<u>YEAR</u>	<u>TOTAL COST</u>	<u>Menasha</u>	<u>Fox Crossing</u>	<u>Harrison Utilities</u>
2017	\$0	\$0	\$0	\$0
2018	\$0	\$0	\$0	\$0
2019 - EST	\$0	\$0	\$0	\$0
2019 - Budget	\$38,000	\$32,861	\$4,380	\$760
2020 - EST	\$38,000	\$32,861	\$4,380	\$760

LISTED BELOW ARE LOCATIONS OF THE NMSC INTERCEPTOR AND % OF RESPONSIBILITY TOWARD THE MAINTENANCE AND REPAIR OF THE INTERCEPTOR AS AGREED UPON BY THE COMMUNITIES SERVED BY THE INTERCEPTOR

GARFIELD AVENUE INTERCEPTOR

(from Menasha Water Plant/Broad St to NMSC Plant)

		<u>Menasha</u> 100%	<u>Fox Crossing</u> 0%	<u>Harrison</u> 0%
TELEVISIONING	\$1,500	\$1,500	\$0	\$0
CLEANING	\$1,800	\$1,800	\$0	\$0
ENGINEERING	\$3,000	\$3,000	\$0	\$0
REPAIRS	\$0	\$0	\$0	\$0
TOTAL	\$6,300	\$6,300	\$0	\$0

LAKESHORE INTERCEPTOR

(from 9th St/Emily St to Lock St/Broad St)

		<u>Menasha</u> 100%	<u>Fox Crossing</u> 0%	<u>Harrison</u> 0%
TELEVISIONING	\$0	\$0	\$0	\$0
CLEANING	\$0	\$0	\$0	\$0
ENGINEERING	\$4,000	\$4,000	\$0	\$0
REPAIRS	\$20,000	\$20,000	\$0	\$0
TOTAL	\$24,000	\$24,000	\$0	\$0

WATER STREET INTERCEPTOR

		Menasha 100%	Fox Crossing 0%	Harrison 0%
TELEVISIONING	\$0	\$0	\$0	\$0
CLEANING	\$0	\$0	\$0	\$0
ENGINEERING	\$0	\$0	\$0	\$0
REPAIRS	\$0	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0	\$0

TAYCO STREET INTERCEPTOR

(from 6th St to Lock St/Broad St)

		Menasha 51.20%	Fox Crossing 41.59%	Harrison 7.21%
TELEVISIONING	\$0	\$0	\$0	\$0
CLEANING	\$0	\$0	\$0	\$0
ENGINEERING	\$2,500	\$1,280	\$1,040	\$180
REPAIRS	\$3,500	\$1,792	\$1,456	\$252
TOTAL	\$6,000	\$3,072	\$2,495	\$433

MATHEWSON STREET INTERCEPTOR

(from Lock St/Broad St to NMSC Plant)

		Menasha 55.77%	Fox Crossing 37.69%	Harrison 6.54%
TELEVISIONING	\$0	\$0	\$0	\$0
CLEANING	\$0	\$0	\$0	\$0
ENGINEERING	\$1,500	\$837	\$565	\$98
REPAIRS	\$3,500	\$1,952	\$1,319	\$229
TOTAL	\$5,000	\$2,789	\$1,885	\$327

TAYCO STREET INTERCEPTOR

(from Airport Rd to 6th St)

Fox Crossing - 85.23%
Waverly S.D. - 14.77%

		Menasha 0%	Fox Crossing 85.23%	Harrison 14.77%
TELEVISIONING	\$0	\$0	\$0	\$0
CLEANING	\$0	\$0	\$0	\$0
ENGINEERING	\$0	\$0	\$0	\$0
REPAIRS	\$0	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0	\$0

2020 ESTIMATED MISCELLANEOUS OPERATING REVENUES**Account No. 408.0 - AP Discounts Taken**

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2015	\$47	
2016	\$17	
2017	\$52	
2018	\$17	
2019 - EST	\$50	
2019 - Budget	\$25	
2020 - EST	\$25	
		<u><u>\$25</u></u>

Account No. 409.0 - MCO Income Sharing

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2015	\$34,581	
2016	\$25,326	
2017	\$30,176	
2018	\$32,532	
2019 - EST	\$36,000	
2019 - Budget	\$31,000	
2020 - EST	\$36,000	
		<u><u>\$36,000</u></u>

Account No. 410.0 - High Strength Waste Income

<u>YEAR</u>	<u>TOTAL INCOME</u>	
INACTIVE	\$0	<u><u>\$0</u></u>

Account No. 411.0 - Miscellaneous Operating Income

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2015	\$6,908	
2016	\$9,246	
2017	\$253	
2018	\$1,142	
2019 - EST	\$3,400	
2019 - Budget	\$2,000	
2020 - EST	\$2,000	
		<u><u>\$2,000</u></u>

Account No. 412.0 - Industrial Metering Testing Reimbursement Income

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2014	\$3,644	
2015	\$3,018	
2016	\$2,679	
2017	\$3,495	
2018	\$3,063	
2019 - EST	\$3,000	
2019 - Budget	\$2,750	
2020 - EST	\$3,000	
		<u><u>\$3,000</u></u>

APPROVED 2020 BUDGET

Account No. 413.0 - Pretreatment Administrative Fees Income

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2015	\$5,175	
2016	\$4,725	
2017	\$4,725	
2018	\$4,950	
2019 - EST	\$4,800	
2019 - Budget	\$4,725	
2020 - EST	\$4,800	
		<u><u>\$4,800</u></u>

Account No. 414.0 - Pretreatment Permit Fee Income

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2015	\$3,700	
2016	\$400	
2017	\$21,600	
2018	\$300	
2019 - EST	\$1,300	
2019 - Budget	\$1,500	
2020 - EST	\$1,500	
		<u><u>\$1,500</u></u>

Account No. 415.0 - WPPI Green Power Income

\$0

Account No. 416.0 - WPPI Standby Service Income

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2015	\$57,242	
2016	\$57,168	
2017	\$57,072	
2018	\$57,168	
2019 - EST	\$57,108	
2019 - Budget	\$57,120	
2020 - EST	\$57,100	
		<u><u>\$57,100</u></u>

Account No. 419.1 - O & M Interest Income

<u>YEAR</u>	<u>TOTAL INCOME</u>	
2015	\$74	
2016	\$97	
2017	\$99	
2018	\$577	
2019 - EST	\$1,800	
2019 - Budget	\$150	
2020 - EST	\$175	
		<u><u>\$175</u></u>

TOTAL ESTIMATED 2020 MISCELLANEOUS REVENUES

\$104,600

2020 EQUIPMENT REPLACEMENT FUND

YEAR	\$'s RECEIVED FROM USERS	CUMULATIVE TOTAL + CURRENT YEAR RECEIPTS	INTEREST EARNED ON CUMULATIVE	TOTAL CUMULATIVE + INTEREST	PAYMENTS MADE FROM FUND	YEAR-END FUND BALANCE
2011	\$302,397	\$680,303	\$1,914	\$682,217	\$126,373	\$555,844
2012	\$302,401	\$858,245	\$1,727	\$859,972	-\$14,392	\$874,364
2013	\$302,398	\$1,176,762	\$2,451	\$1,179,213	\$356,102	\$823,111
2014	\$777,999	\$1,601,110	\$4,294	\$1,605,404	\$22,396	\$1,583,008
2015	\$778,004	\$2,361,012	\$6,026	\$2,367,037	\$49,324	\$2,317,713
2016	\$778,005	\$3,095,718	\$24,004	\$3,119,722	\$85,624	\$3,034,098
2017	\$777,988	\$3,812,086	\$40,359	\$3,852,445	\$35,479	\$3,816,966
2018	\$778,000	\$4,594,966	\$64,161	\$4,659,127	\$278,325	\$4,380,802
2019	\$778,000 -est	\$5,158,802 -est	\$70,000 -est	\$5,228,802 -est	\$503,229 -est	\$4,725,573 -est
2020	\$778,000 -est	\$5,503,573 -est	\$65,000 -est	\$5,568,573 -est	\$239,000 -est	\$5,329,573 -est
2021	\$800,000 -est	\$6,129,573 -est	\$65,000 -est	\$6,194,573 -est	\$50,000 -est	\$6,144,573 -est
2022	\$800,000 -est	\$6,944,573 -est	\$68,000 -est	\$7,012,573 -est	\$50,000 -est	\$6,962,573 -est
2023	\$800,000 -est	\$7,762,573 -est	\$70,000 -est	\$7,832,573 -est	\$50,000 -est	\$7,782,573 -est

\$4,380,802

The Replacement Fund was established in 1987 to cover expenditures for replacement of mechanical equipment, accessories, and appertenances necessary to maintain the plant design capacity and performance for the life of the treatment works (20 years).

The EQUIPMENT REPLACEMENT FUND is mandated by Federal/State regulations.

In 2013, work was completed on reviewing and revising the User Charge System to accommodate the inclusion of additional equipment and buildings in the plant update. In addition, equipment items originally in the Depreciation fund were transferred to the Replacement Fund and non-equipment items were transferred to the Depreciation Fund.

Wis. Adm. Code NR 162.003(61) defines "Replacement" as: "obtaining and installing equipment, accessories or appurtenances that are necessary during the useful life of the treatment works or structural urban best management practice (BMP) to maintain the capacity and performance for which the treatment works or structural urban BMP were designed and constructed." The NMSC uses an itemized schedule list of equipment to determine an amount to be deposited into the Equipment Replacement Fund.

2019 - ESTIMATED REPLACEMENT FUND PROJECTS:

- JWC South Grinder	\$16,500
- Reuse Pump - spare parts	\$6,500
- Omnisite (replaces back-up alarm dialer)	\$3,500
- Fine Screen Influent Gate Repair	\$12,000
- Waste Gas Flare Pilot Flame Controls	\$13,000
- Office Copier	\$9,500
- Rebuild RAS Pumps (2 of 6)	\$45,000
- Rebuild Effluent Pumps (2)	\$22,000
- Unknown/misc or unplanned replacements	\$35,000
2019 Budget	\$163,000

ACTUAL & ESTIMATED REPLACEMENT FUND PROJECTS TO BE COMPLETED IN 2019

- JWC South Grinder	\$15,919
- Reuse Pump - spare parts	2020 \$0
- Omnisite (replaces back-up alarm dialer)	\$2,946
- Fine Screen Influent Gate Repair	mco repaired \$0
- Waste Gas Flare Pilot Flame Control	valves only \$0
- Office Copier	\$7,708
- Rebuild RAS Pumps (2 of 6)	\$0
- Rebuild Effluent Pumps (2)	\$22,000
- Centrifuge Touchscreen	\$4,641
- Polymer System & Chlorine Analyzer	\$420,015
- Unknown/misc or unplanned replacements	\$30,000
2019 esitimated spending	\$503,229

2020 - ESTIMATED REPLACEMENT FUND PROJECTS:

- RAS Pump, Gate Valve (1)	\$45,000
- Replace MicroChlor Cells	\$75,000
- Replace 9th Street Sampler	\$6,500
- Rebuild Draft Tube Mixer	\$8,000
- Effluent Pumps & Bases	\$60,000
- JWC Washer/Compactor Rebuild	\$5,000
- Thickened Sludge Pump Rebuild	\$5,500
- Centrifuge Feed Pump Rebuild	\$6,500
- Transfer Pump Rebuild	\$7,500
- SCADA Computer/Software Upgrade	\$20,000
Estimated 2020 Budget	\$239,000

2021 - ESTIMATED REPLACEMENT FUND PROJECTS:

- Unknown/misc or unplanned replacements	\$50,000
	\$50,000

2022 - ESTIMATED REPLACEMENT FUND PROJECTS:

- Unknown/misc or unplanned replacements	\$50,000
	\$50,000

2023 - ESTIMATED REPLACEMENT FUND PROJECTS:

- Unknown/misc or unplanned replacements	\$50,000
	\$50,000

2024 - ESTIMATED REPLACEMENT FUND PROJECTS:

- Unknown/misc or unplanned replacements	\$50,000
	\$50,000

2025 - ESTIMATED REPLACEMENT FUND PROJECTS:

- Unknown/misc or unplanned replacements	\$50,000
	\$50,000

2020 DEPRECIATION FUND

YEAR	\$'s RECEIVED FROM USERS	CUMULATIVE TOTAL + CURRENT YEAR RECEIPTS	INTEREST EARNED ON CUMULATIVE	TOTAL CUMULATIVE + INTEREST	PAYMENTS MADE FROM FUND	INTERNAL BORROWING MADE FROM FUND	YEAR-END FUND BALANCE
2011	\$223,206	\$839,277	\$4,484	\$843,761	\$15,200	\$97,448 (repayed)	\$926,009
2012	\$0	\$926,009	\$2,574	\$928,583	\$40,107	(\$110,000)	\$778,476
2013	\$0	\$778,476	\$2,142	\$780,618	\$27,646	(\$117,000)	\$635,973
2014	\$0	\$635,973	\$2,137	\$638,110	\$79,355	(\$31,095)	\$527,660
2015	\$99,988	\$627,648	\$1,516	\$629,164	\$264,869		\$364,295
2016	\$200,004	\$564,299	\$1,778	\$566,077	\$178,154		\$387,923
2017	\$200,005	\$587,928	\$2,169	\$590,097	\$135,675		\$454,422
2018	\$99,999	\$554,421	\$7,651	\$562,072	\$130,072	\$258,095 (repayed)	\$690,095
2019	\$100,000	\$790,095 -est	\$12,500 -est	\$802,595 -est	\$60,859 -est*		\$741,736 - est
2020	\$100,000 -est	\$841,736 -est	\$12,500 -est	\$854,236 -est	\$59,500 -est*		\$794,736 - est
2021	\$200,000 -est	\$994,736 -est	\$12,500 -est	\$1,007,236 -est	\$25,000 -est*		\$982,236 - est
2022	\$200,000 -est	\$1,182,236 -est	\$12,500 -est	\$1,194,736 -est	\$25,000 -est*		\$1,169,736 - est
2023	\$200,000 -est	\$1,369,736 -est	\$12,500 -est	\$1,382,236 -est	\$25,000 -est*		\$1,357,236 - est

The Depreciation Fund was established in 1997 to cover expenditures for the replacement of mechanical equipment not covered under the Replacement Fund; for the maintenance and/or repair of current structures that deteriorate over time; and for the modifications to structures and/or equipment that will benefit the wastewater treatment plants operating efficiency. In 2013, work was completed on reviewing and revising the User Charge System to accommodate the inclusion of additional equipment and buildings in the plant update. In addition, equipment items originally in the Depreciation fund were transferred to the Replacement Fund and non-equipment items were transferred to the Depreciation Fund.

***- 2019 ESTIMATED DEPRECIATION FUND**

- Pump Base Repair - Final Effluent Pump (2)	\$8,000
- Rebuild draft mixer tube (1)	\$4,000
- LED Lighting	\$6,500
- Replace Boiler 1, 2, 3, Upper Fireboxes	\$15,000
-	
- Unknown or unplanned for items	\$25,000
2019 Budget	\$58,500

- 2020 ESTIMATED DEPRECIATION FUND

PROJECT/ITEMS:	
- Repaint draft mixer tube (6)	\$8,000
- Grit Chambers concrete Rehab	\$18,000
- LED Lighting	\$8,500
- Unknown or unplanned for items	\$25,000
Estimated 2020 Budget	\$59,500

- 2022 ESTIMATED DEPRECIATION FUND

PROJECT/ITEMS:	
- Unknown or unplanned for items	\$25,000
	\$25,000

- 2024 ESTIMATED DEPRECIATION FUND

PROJECT/ITEMS:	
- Unknown or unplanned for items	\$25,000
	\$25,000

ACTUAL & ESTIMATED DEPRECIATION FUND ITEMS TO BE COMPLETED IN 2019:

- Pump Base Repair - Final Effluent Pump (2)	\$8,000
- Rebuild draft mixer tube (1)	\$5,084
- LED Lighting	\$7,775
- Replace Boiler 1, 2, 3, Upper Fireboxes	\$15,000
- Trying to obtain contractor	
- Unknown or unplanned for items	\$25,000
Estimated 2019 Spending	\$60,859

- 2021 ESTIMATED DEPRECIATION FUND

PROJECT/ITEMS:	
- Lab HVAC - Replace Condenser	\$8,000
- Unknown or unplanned for items	\$25,000
	\$33,000

- 2023 ESTIMATED DEPRECIATION FUND

PROJECT/ITEMS:	
- Unknown or unplanned for items	\$25,000
	\$25,000

- 2025 ESTIMATED DEPRECIATION FUND

PROJECT/ITEMS:	
- Unknown or unplanned for items	\$25,000
	\$25,000

CAPITAL PROJECTS

The 2020 capital projects budget will consist of the following items:

CLEAN WATER FUND PAYMENT for 2020:

INTEREST payments: Total of 5/1/20 & 11/1/20	\$406,387	
LESS: 2-months of 5/1/2020 payment (collected in 2019)	(\$65,440)	
ADD: 2-months of 5/1/2021 Interest Payment	\$70,023	
	Net Interest to Collect	\$410,970

PRINCIPAL due 5/1/2020	\$1,039,282	
LESS: 8-months of 5/1/2020 payment (collected in 2019)	(\$692,855)	
ADD: 8-months of 5/1/2021 Principal Payment	\$711,188	
	Net Principal to Collect	\$1,057,615

The total Capital Project Budget for 2020 will be: **\$1,468,585**

2021:	<u>PLANT REMODEL/UPDATE - CLEAN WATER FUND LOAN</u>	
	INTEREST	\$373,819
	PRINCIPAL	\$1,085,600
	NET TO USERS	\$1,459,419
	ESTIMATED 2021 CAPITAL	\$1,459,419

ESTIMATED FUTURE CAPITAL EXPENDITURES:

2022:	<u>PLANT REMODEL/UPDATE - CLEAN WATER FUND LOAN</u>	
	INTEREST	\$345,094
	PRINCIPAL	\$1,114,325
	NET TO USERS	\$1,459,419
	ESTIMATED 2022 CAPITAL	\$1,459,419

2023:	<u>PLANT REMODEL/UPDATE - CLEAN WATER FUND LOAN</u>	
	INTEREST	\$315,609
	PRINCIPAL	\$1,143,810
	NET TO USERS	\$1,459,419
	ESTIMATED 2023 CAPITAL	\$1,459,419

2024:	<u>PLANT REMODEL/UPDATE - CLEAN WATER FUND LOAN</u>	
	INTEREST	\$285,344
	PRINCIPAL	\$1,174,075
	NET TO USERS	\$1,459,419
	ESTIMATED 2024 CAPITAL	\$1,459,419

2025	<u>PLANT REMODEL/UPDATE - CLEAN WATER FUND LOAN</u>	
	INTEREST	\$254,278
	PRINCIPAL	\$1,205,141
	NET TO USERS	\$1,459,419
	ESTIMATED 2025 CAPITAL	\$1,459,419

ESTIMATED 2020 REVENUES BY INDIVIDUAL USERS

(Based on 3-year average loadings from August 2016 - July 2019)

CITY OF NEENAH:

EST 2020 LOADINGS

FLOW	2,085.768 MG
BOD	3,202,152 LBS
SS	2,855,400 LBS

O & M - CHARGES

FLOW	\$426,013
BOD	\$485,092
SS	<u>\$527,804</u>

TOTAL-O & M \$1,438,909

REPLACEMENT FUND

FLOW	\$158,881
BOD	\$95,928
SS	<u>\$98,853</u>

TOTAL-REPLACEMENT \$353,662

DEPRECIATION FUND

FLOW	\$11,403
BOD	\$15,966
SS	<u>\$16,250</u>

TOTAL-DEPRECIATION \$43,619

CAPITAL CHARGES

FLOW	\$168,228
BOD	\$242,114
SS	<u>\$237,884</u>

TOTAL-CAPITAL \$648,227

TOTAL NEENAH CHARGES \$2,484,417

APPROVED 2020 BUDGET

ESTIMATED 2020 REVENUES BY INDIVIDUAL USERS

(Based on 3-year average loadings from August 2016 - July 2019)

CITY OF MENASHA:

EST 2020 LOADINGS

FLOW	1,006.308 MG
BOD	414,672 LBS
SS	1,645,692 LBS

O & M - CHARGES

FLOW	\$205,536
BOD	\$62,818
SS	<u>\$304,197</u>

TOTAL-O & M \$572,551

INTERCEPTOR MAINTENANCE \$36,161

REPLACEMENT CHARGES

FLOW	\$76,654
BOD	\$12,422
SS	<u>\$56,973</u>

TOTAL-REPLACEMENT \$146,050

DEPRECIATION CHARGES

FLOW	\$5,502
BOD	\$2,068
SS	<u>\$9,366</u>

TOTAL-DEPRECIATION \$16,935

CAPITAL CHARGES

FLOW	\$81,164
BOD	\$31,353
SS	<u>\$137,103</u>

TOTAL-CAPITAL \$249,620

TOTAL MENASHA CHARGES	<u>\$1,021,317</u>
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ESTIMATED 2020 REVENUES BY INDIVIDUAL USERS

(Based on 3-year average loadings from August 2016 - July 2019)

TOWN OF NEENAH S.D. 2

EST 2020 LOADINGS

FLOW	36.528 MG
BOD	80,952 LBS
SS	119,916 LBS

O & M - CHARGES

FLOW	\$7,461
BOD	\$12,263
SS	<u>\$22,166</u>

TOTAL-O & M \$41,890

REPLACEMENT CHARGES

FLOW	\$2,782
BOD	\$2,425
SS	<u>\$4,151</u>

TOTAL-REPLACEMENT \$9,359

DEPRECIATION CHARGES

FLOW	\$200
BOD	\$404
SS	<u>\$682</u>

TOTAL-DEPRECIATION \$1,286

CAPITAL CHARGES

FLOW	\$0
BOD	\$0
SS	<u>\$0</u>

TOTAL-CAPITAL \$0

TOTAL TOWN NEENAH CHARGES	\$52,535
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APPROVED 2020 BUDGET

ESTIMATED 2020 REVENUES BY INDIVIDUAL USERS

(Based on 3-year average loadings from August 2016 - July 2019)

VILLAGE OF FOX CROSSING (formerly Town of Menasha)

EST 2020 LOADINGS

FLOW	652.680 MG
BOD	793,896 LBS
SS	1,070,604 LBS

O & M - CHARGES

FLOW	\$133,308
BOD	\$120,267
SS	<u>\$197,895</u>

TOTAL-O & M \$451,470

INTERCEPTOR MAINTENANCE \$4,380

REPLACEMENT CHARGES

FLOW	\$49,717
BOD	\$23,783
SS	<u>\$37,064</u>

TOTAL-REPLACEMENT \$110,564

DEPRECIATION CHARGES

FLOW	\$3,568
BOD	\$3,958
SS	<u>\$6,093</u>

TOTAL-DEPRECIATION \$13,619

CAPITAL CHARGES

FLOW	\$52,642
BOD	\$60,026
SS	<u>\$89,192</u>

TOTAL-CAPITAL \$201,861

TOTAL FOX CROSSING CHARGES \$781,894

APPROVED 2020 BUDGET

ESTIMATED 2020 REVENUES BY INDIVIDUAL USERS

(Based on 3-year average loadings from August 2016 - July 2019)

HARRISON SANITARY DISTRICT (formerly Waverly):

EST 2020 LOADINGS

FLOW	144.000 MG
BOD	329,736 LBS
SS	315,984 LBS

O & M - CHARGES

FLOW	\$29,412
BOD	\$49,952
SS	<u>\$58,408</u>

TOTAL-O & M \$137,771

INTERCEPTOR MAINTENANCE \$760

REPLACEMENT CHARGES

FLOW	\$10,969
BOD	\$9,878
SS	<u>\$10,939</u>

TOTAL-REPLACEMENT \$31,786

DEPRECIATION CHARGES

FLOW	\$787
BOD	\$1,644
SS	<u>\$1,798</u>

TOTAL-DEPRECIATION \$4,230

CAPITAL CHARGES

FLOW	\$11,614
BOD	\$24,931
SS	<u>\$26,325</u>

TOTAL-CAPITAL \$62,870

TOTAL WAVERLY S.D. CHARGES \$237,417

APPROVED 2020 BUDGET

ESTIMATED 2020 REVENUES BY INDIVIDUAL USERS

(Based on 3-year average loadings from August 2016 - July 2019)

SONOCO/U.S. MILLS:

EST 2020 LOADINGS

FLOW	98.832 MG
BOD	3,281,316 LBS
SS	599,388 LBS

O & M - CHARGES

FLOW	\$20,186
BOD	\$497,085
SS	<u>\$110,793</u>

TOTAL-O & M \$628,064

REPLACEMENT CHARGES

FLOW	\$7,528
BOD	\$98,299
SS	<u>\$20,751</u>

TOTAL-REPLACEMENT \$126,579

DEPRECIATION CHARGES

FLOW	\$540
BOD	\$16,361
SS	<u>\$3,411</u>

TOTAL-DEPRECIATION \$20,312

CAPITAL CHARGES

FLOW	\$7,971
BOD	\$248,100
SS	\$49,935

TOTAL-CAPITAL \$306,006

TOTAL SONOCO/U.S.MILLS CHARGES \$1,080,961

APPROVED 2020 BUDGET

ESTIMATED 2020 REVENUES BY INDIVIDUAL USERS

(Based on 3-year average loadings from August 2016 - July 2019)

TOTALS:

EST 2020 LOADINGS

FLOW	4024.116 MG
BOD	8,102,724 LBS
SS	6,606,984 LBS

O & M - CHARGES

25.13%	FLOW	\$821,916
37.53%	BOD	\$1,227,477
37.34%	SS	<u>\$1,221,263</u>

TOTAL-O & M \$3,270,656

INTERCEPTOR MAINTENANCE \$41,300

REPLACEMENT CHARGES

39.4%	FLOW	\$306,532
31.2%	BOD	\$242,736
29.4%	SS	<u>\$228,732</u>

TOTAL-REPLACEMENT \$778,000

DEPRECIATION CHARGES

22.0%	FLOW	\$22,000
40.4%	BOD	\$40,400
37.6%	SS	<u>\$37,600</u>

TOTAL-DEPRECIATION \$100,000

CAPITAL CHARGES

21.9%	FLOW	\$321,620
41.3%	BOD	\$606,525
36.8%	SS	\$540,439

TOTAL-CAPITAL \$1,468,585

TOTAL CHARGES

\$5,658,540